

Serial No. 10/632165



Docket: 436-001US

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Patent Application**

**Inventor:** Wan-Thai Hsu

**Serial No.:** 10/632165

**Filing Date:** 7/31/2003

**Art Unit:** Not Yet Assigned

**Examiner:** Not Yet Assigned

**Docket No.:** 436-001US

**Title:** Apparatus Comprising a Micromechanical Resonator

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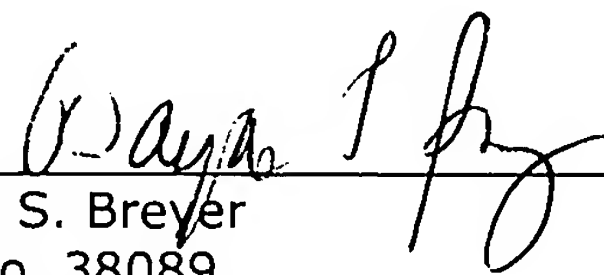
Dear Sir:

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

NO FEE IS REQUIRED.

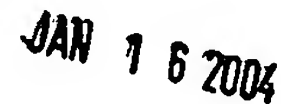
Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time.

Respectfully,  
DeMont & Breyer, LLC

By   
Wayne S. Breyer  
Reg. No. 38089  
Attorney for Applicants  
732-578-0103 x12

Date 1/14/04

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Approved for use through 10/31/2002. OMB 0651-0031

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/632165
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<b>Filing Date</b>	7/31/2003
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<b>First Named Inventor</b>	Wan-Thai Hsu
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Art Unit	2817
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Examiner Name \_\_\_\_\_

Attorney Docket Number 436-001US

U.S. PATENT DOCUMENTS[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/632165		
		Filing Date	7/31/2003		
		First Named Inventor	Wan-Thai Hsu		
		Group Art Unit	2817		
		Examiner Name			
Sheet	- 2 -	of	- 2 -	Attorney Docket Number	436-001US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	W.-T. HSU, J.R.CLARK, AND C.T.-C.NGUYEN, Q-optimized lateral free-free beam micromechanical resonators, Digest of Technical Papers, June 10-14, 2001, 11th Int. Conf. on Solid-State Sensors & Actuators (Transducers'01), Munich, Germany	T
	CB	K.WANG, Y.YU, A.-C.WONG AND C.T.-C.NGUYEN, VHF free-free beam high-Q micromechanical resonators, Technical Digest, Jan. 17-21, 1999, 12th International IEEE Electro Mechanical Systems Conf Orlando, Florida	T
	CC	C.T.-C.NGUYEN, Transceiver front-end architectures using vibrating micromechanical signal processors (invited), Dig. of Papers, Sept 12-14, 2001, Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems	T
	CD	C.T.-C.NGUYEN, Frequency-selective MEMS for miniaturized low-power communication devices (invited), IEEE Trans. Microwave Theory Tech., Aug 1999, Vol. 47, No. 8	T

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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